Identifying and classifying myocardial infarctions 150

In this issue of the Journal, Drs. Shaun Senter and Gary Francis discuss the power of electrocardiographic changes and creatine kinase-MB and troponin elevations in diagnosing acute myocardial infarction. These are not perfect tests.

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Unilateral cotton wool spots: 155

An important clue

The patient has sudden loss of vision in one eye and unilateral cotton wool spots on fundoscopy. What is the cause?

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A new, precise definition of acute myocardial infarction 159

The updated definition includes subtypes of acute MI, imaging studies supporting the diagnosis, and biomarker thresholds after percutaneous coronary intervention and coronary artery bypass grafting.

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Psychiatric symptoms of dementia: 167

Treatable, but no silver bullet

Your 84-year-old patient’s son is distraught. “I know Mom has dementia, but I don’t understand why she cannot relax. Please give her a pill.”

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The radiologic workup of a palpable breast mass 175

The discovery of a breast mass is a common occurrence, and it is distressing for any woman. The choice of initial imaging study is most often guided by the patient’s age.

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REVIEW

Optic neuritis and risk of MS: Differential diagnosis and management

Optic neuritis, a demyelinating inflammatory condition that causes acute vision loss, is associated with multiple sclerosis. Recognizing its classic clinical manifestations early is important so that diagnostic testing and treatment can be started.

B.J. OSBORNE AND N.J. VOLPE

IM BOARD REVIEW

A 43-year-old woman with chest pressure

She has acute chest discomfort, a 25-pack-year smoking history, and a family history of myocardial infarction and deep vein thrombosis. What is the cause of her symptoms?

D. MICKELSON, E.N. MADY, AND K. TENG

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A 37-year-old man with chest pain, ECG changes, and elevated cardiac enzymes

He has had chest pain and dyspnea for the past few months, but now they are worse. What is the most likely cause?

A. AGHEL AND R.A. KRASUSKI

DEPARTMENTS

Letters to the editor

Hyperthyroidism or thyrotoxicosis?

Shingles vaccine

CME calendar

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